

W2

LOCUS AAS72940 71 aa linear VRL 14-FEB-2005  
 DEFINITION tat protein [Human immunodeficiency virus 1].  
 ACCESSION AAS72940  
 VERSION AAS72940.1 GI:45644385  
 DBSOURCE accession AY489738.1  
 KEYWORDS .  
 SOURCE Human immunodeficiency virus 1 (HIV-1)  
 ORGANISM Human immunodeficiency virus 1  
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
 lentivirus group.  
 REFERENCE 1 (residues 1 to 71)  
 AUTHORS Yamaguchi,J., Bodelle,P., Vallari,A.S., Coffey,R., McArthur,C.P.,  
 Schochetman,G., Devare,S.G. and Brennan,C.A.  
 TITLE HIV infections in northwestern Cameroon: identification of HIV type  
 1 group O and dual HIV type 1 group M and group O infections  
 JOURNAL AIDS Res. Hum. Retroviruses 20 (9), 944-957 (2004)  
 PUBMED 15585082  
 REFERENCE 2 (residues 1 to 71)  
 AUTHORS Yamaguchi,J., Bodelle,P., Vallari,A.S., Coffey,R., McArthur,C.P.,  
 Devare,S.G. and Brennan,C.A.  
 TITLE Direct Submission  
 JOURNAL Submitted (28-NOV-2003) Abbott Laboratories, 100 Abbott Park Rd.,  
 Abbott Park, IL 60064-6015, USA  
 COMMENT Method: conceptual translation supplied by author.  
 FEATURES Location/Qualifiers  
 source 1..71  
 /organism="Human immunodeficiency virus 1"  
 /virion  
 /isolate="99CM-DSC1320-MO"  
 /db\_xref="taxon:11676"  
 /country="Cameroon"  
 /note="intergroup recombinant  
 serogroup: M/O"  
 Protein 1..>71  
 /product="tat protein"  
 CDS 1..71  
 /gene="tat"  
 /coded\_by="AY489738.1:1632..>1846"  
 ORIGIN  
 1 melvdpslep wnhpqsgptt acsxcyckic cwhcqlcflk kglgisyrk kqrrrrgtpq  
 61 srqshqypvp k  
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x1

LOCUS AAW83613 101 aa linear VRL 15-FEB-2005  
 DEFINITION tat protein [Human immunodeficiency virus 1].  
 ACCESSION AAW83613  
 VERSION AAW83613.1 GI:59003612  
 DBSOURCE accession AY901975.1  
 KEYWORDS .  
 SOURCE Human immunodeficiency virus 1 (HIV-1)  
 ORGANISM Human immunodeficiency virus 1  
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
 lentivirus group.  
 REFERENCE 1 (residues 1 to 101)  
 AUTHORS Birditt,B.A., Rousseau,C.M., Korber,B.T., Goulder,P., Brander,C.,  
 Kiepiela,P., Walker,B.D. and Mullins,J.I.  
 TITLE HIV HLA epitope mapping from Durban, South Africa  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 101)  
 AUTHORS Birditt,B.A., Rousseau,C.M., Korber,B.T., Goulder,P., Brander,C.,  
 Kiepiela,P., Walker,B.D. and Mullins,J.I.  
 TITLE Direct Submission  
 JOURNAL Submitted (24-JAN-2005) Microbiology, University of Washington, Box  
 358070, Seattle, WA 98195-8070, USA  
 COMMENT Genome sequence lacks part of non-coding region.  
 Method: conceptual translation.  
 FEATURES Location/Qualifiers  
 source 1..101  
 /organism="Human immunodeficiency virus 1"  
 /virion  
 /isolate="03ZASK076B1"  
 /isolation\_source="woman with heterosexual transmission as  
 her primary risk factor"  
 /db\_xref="taxon:11676"  
 /country="South Africa: Durban"  
 /note="subtype: C"  
 Protein 1..101  
 /product="tat protein"  
 CDS 1..101  
 /gene="tat"  
 /coded\_by="join(AY901975.1:5256..5470,  
 AY901975.1:7831..7921) "  
 ORIGIN  
 1 mepidpnlep wnhpgsqpkt pcnncyckyc syhcvpflt kglgiyygrk krrqrrsapp  
 61 sgedhqnhis kqplpqtrgn stgseeskkk vesktetdpf d  
 //

U3

LOCUS AAV59694 101 aa linear VRL 23-FEB-2005  
 DEFINITION tat protein [Human immunodeficiency virus 1].  
 ACCESSION AAV59694  
 VERSION AAV59694.1 GI:55735962  
 DBSOURCE accession AY771589.1  
 KEYWORDS .  
 SOURCE Human immunodeficiency virus 1 (HIV-1)  
 ORGANISM Human immunodeficiency virus 1  
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
 lentivirus group.  
 REFERENCE 1 (residues 1 to 101)  
 AUTHORS De Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P.,  
 Brunstein,A., Fusuma,E., Sabino,E.C. and Janini,L.M.  
 TITLE Analysis of Full-Length Human Immunodeficiency Virus Type 1 Genome  
 Reveals a Variable Spectrum of Subtypes B and F Recombinants in Sao  
 Paulo, Brazil  
 JOURNAL AIDS Res. Hum. Retroviruses 21 (2), 145-151 (2005)  
 REFERENCE 2 (residues 1 to 101)  
 AUTHORS Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P., Brunstein,A.,  
 Fusuma,E., Sabino,E.C. and Janini,L.M.  
 TITLE Direct Submission  
 JOURNAL Submitted (05-OCT-2004) Retrovirology Laboratory, Federal  
 University of Sao Paulo, R. Pedro de Toledo 781, 16 andar Vila  
 Clementino, Sao Paulo, Sao Paulo 04039032, Brazil  
 COMMENT Method: conceptual translation.  
 FEATURES Location/Qualifiers  
 source 1..101  
 /organism="Human immunodeficiency virus 1"  
 /proviral  
 /isolate="BREPM108"  
 /db\_xref="taxon:11676"  
 /country="Brazil"  
 Protein 1..101  
 /product="tat protein"  
 CDS 1..101  
 /gene="tat"  
 /coded\_by="join(AY771589.1:5356..5570,  
 AY771589.1:7919..8009)"  
 ORIGIN  
 1 mepvdprlep wkhpgsqpkt pckkyckec cfhcqvfit kglgisyrk krrqrrrppq  
 61 dspnnqvpls kqptsqlrgd ptgpkesskkk veretetdpd d  
 //

V3

LOCUS AAV59726 101 aa linear VRL 23-FEB-2005  
 DEFINITION tat protein [Human immunodeficiency virus 1].  
 ACCESSION AAV59726  
 VERSION AAV59726.1 GI:55735998  
 DBSOURCE accession AY771593.1  
 KEYWORDS .  
 SOURCE Human immunodeficiency virus 1 (HIV-1)  
 ORGANISM Human immunodeficiency virus 1  
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
 lentivirus group.  
 REFERENCE 1 (residues 1 to 101)  
 AUTHORS De Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P.,  
 Brunstein,A., Fusuma,E., Sabino,E.C. and Janini,L.M.  
 TITLE Analysis of Full-Length Human Immunodeficiency Virus Type 1 Genome  
 Reveals a Variable Spectrum of Subtypes B and F Recombinants in Sao  
 Paulo, Brazil  
 JOURNAL AIDS Res. Hum. Retroviruses 21 (2), 145-151 (2005)  
 REFERENCE 2 (residues 1 to 101)  
 AUTHORS Sa-Filho,D.J., Sanabani,S., Diaz,R.S., Munerato,P., Brunstein,A.,  
 Fusuma,E., Sabino,E.C. and Janini,L.M.  
 TITLE Direct Submission  
 JOURNAL Submitted (05-OCT-2004) Retrovirology Laboratory, Federal  
 University of Sao Paulo, R. Pedro de Toledo 781, 16 andar Vila  
 Clementino, Sao Paulo, Sao Paulo 04039032, Brazil  
 COMMENT Method: conceptual translation.  
 FEATURES Location/Qualifiers  
 source 1..101  
 /organism="Human immunodeficiency virus 1"  
 /proviral  
 /isolate="BREPM278"  
 /db\_xref="taxon:11676"  
 /country="Brazil"  
 Protein 1..101  
 /product="tat protein"  
 CDS 1..101  
 /gene="tat"  
 /coded\_by="join(AY771593.1:5240..5454,  
 AY771593.1:7794..7884)"  
 ORIGIN  
 1 mepvdprlep wkhpgsqprt acskcyckkc cfhcqvcftt kglgisyrk krrqrrrtpg  
 61 dsqthqisls kqpasqlrgd qtgteeskkk veretetdql d  
 //

W3

LOCUS AAS01343 101 aa linear VRL 28-FEB-2005  
 DEFINITION tat protein [Human immunodeficiency virus 1].  
 ACCESSION AAS01343  
 VERSION AAS01343.1 GI:41400297  
 DBSOURCE accession AY500393.1  
 KEYWORDS .  
 SOURCE Human immunodeficiency virus 1 (HIV-1)  
 ORGANISM Human immunodeficiency virus 1  
 Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate  
 lentivirus group.  
 REFERENCE 1 (residues 1 to 101)  
 AUTHORS Papuashvili,M.N. and Shcherbakova,T.I.  
 CONSRTM Advanced Medical Researches  
 TITLE Sequencing of long PCR products and analysis of full length human  
 immunodeficiency virus type 1 genomes distributed among  
 heterosexuals in Moscow (Russian Federation)  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 101)  
 AUTHORS Papuashvili,M.N. and Shcherbakova,T.I.  
 CONSRTM Advanced Medical Researches  
 TITLE Direct Submission  
 JOURNAL Submitted (10-DEC-2003) Advanced Medical Researches, Kashirskoye  
 Shosse, 21, Moscow 115446, Russia  
 COMMENT Method: conceptual translation.  
 FEATURES Location/Qualifiers  
 source 1..101  
 /organism="Human immunodeficiency virus 1"  
 /proviral  
 /isolate="03RU20-06-13"  
 /isolation\_source="peripheral blood mononuclear cells of  
 heterosexual intercourse-infected 23 year-old woman;  
 collected in June 2003 at the B2-B3 stages of the HIV  
 infection"  
 /db\_xref="taxon:11676"  
 /country="Russia: Moscow"  
 Protein 1..101  
 /product="tat protein"  
 CDS 1..101  
 /gene="tat"  
 /coded\_by="join(AY500393.1:5304..5518,  
 AY500393.1:7850..7940)"  
 ORIGIN  
 1 mdpvdpnlep wnhpgsqpkt acsncyckkc cwhcqvcflk kglgisyrk krrhrrgtph  
 61 sskdhqtlis kqplphtrrd qtgpeeskkk veskaetdqf d  
 //